



# Educational attainment and occupational growth in Arkansas

Dr. Michael Pakko  
Chief Economist, Arkansas Economic Development Institute

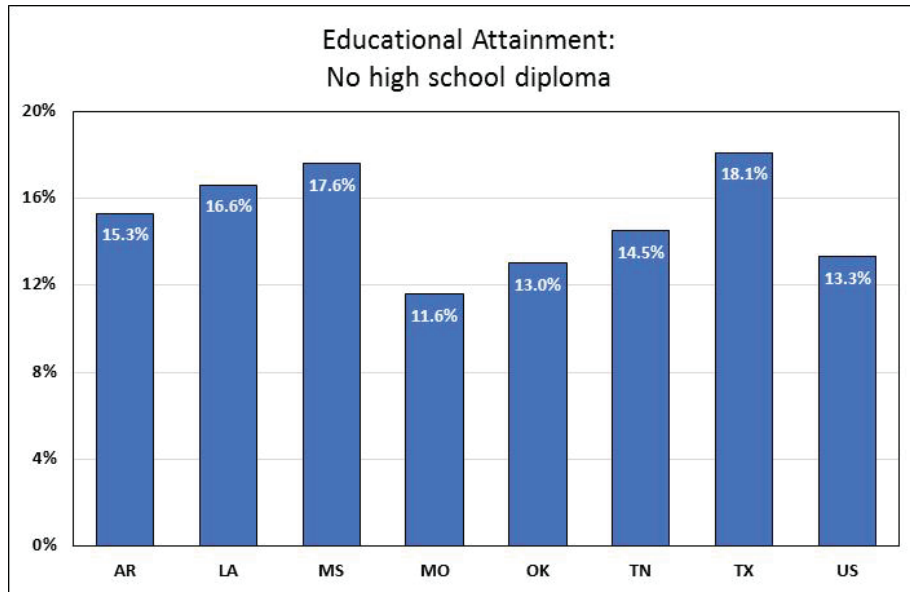
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## Topics

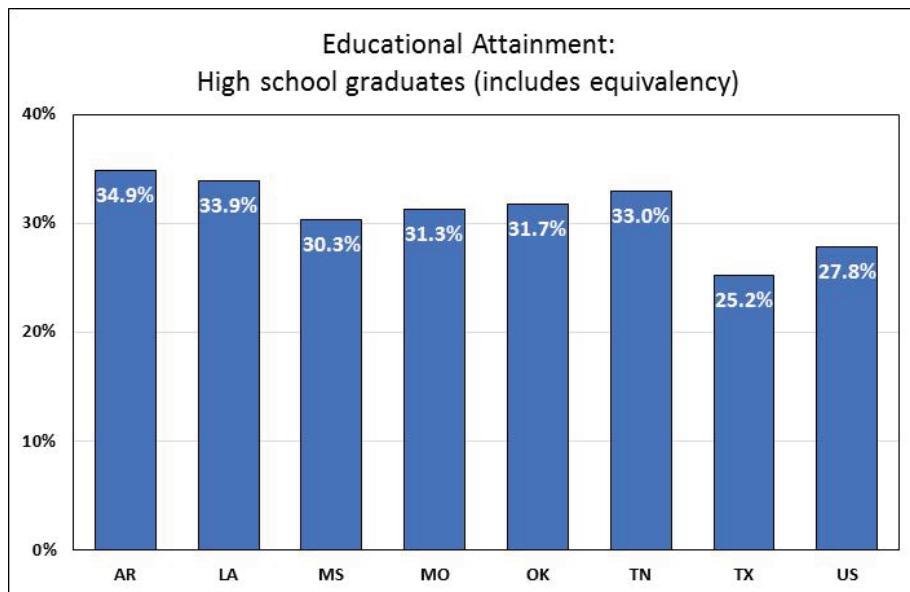
- Four Reports:
  - Educational attainment
  - Unemployment by occupation
  - Employment projections
  - Post-secondary completions

## Educational Attainment



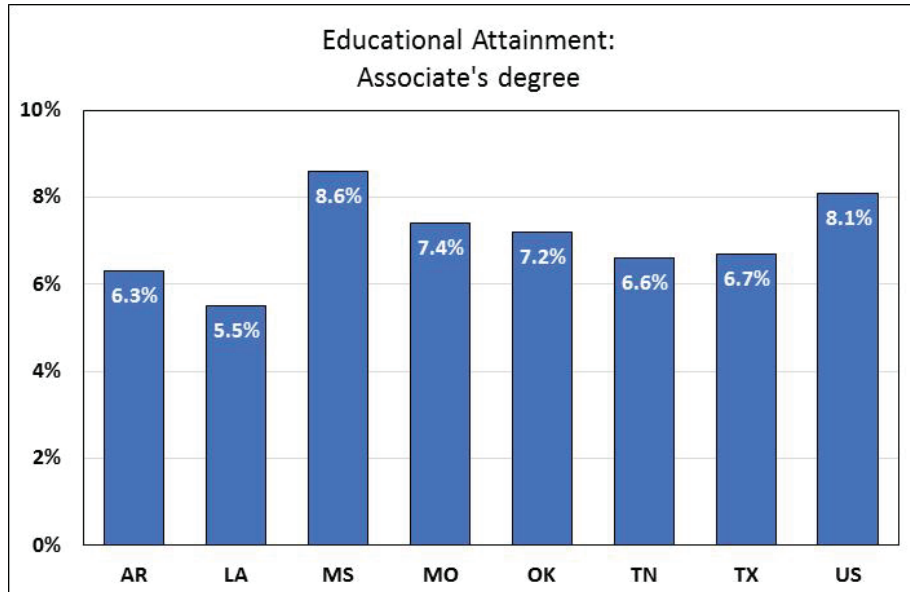
Source – U.S. Census Bureau, Table S1501: Educational Attainment, 2011-2015 American Community Survey 5-Year Estimates.

## Educational Attainment



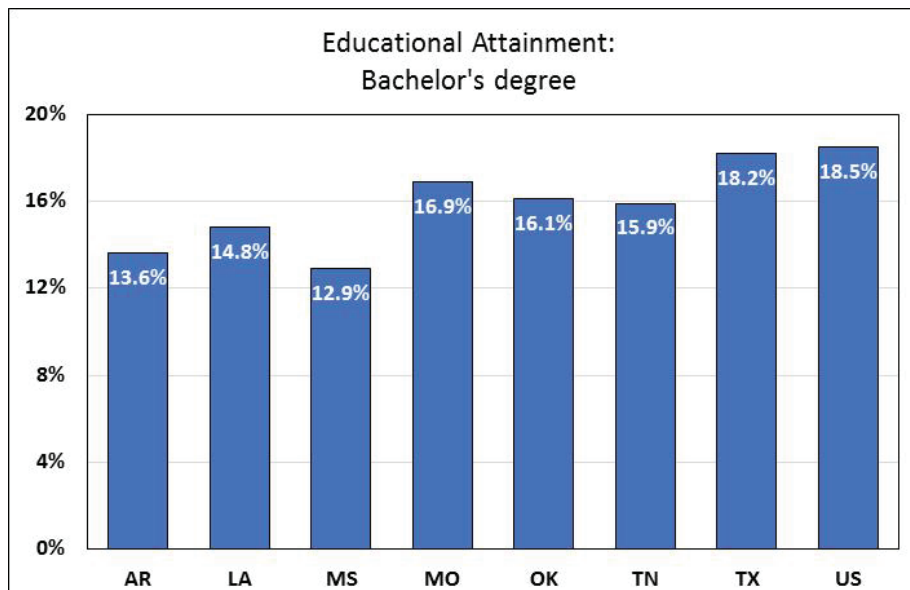
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## Educational Attainment



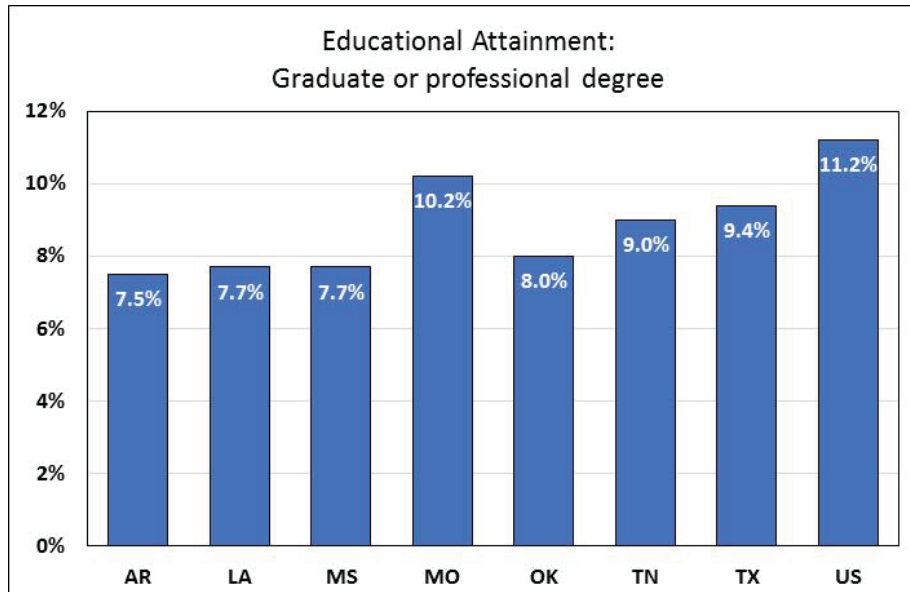
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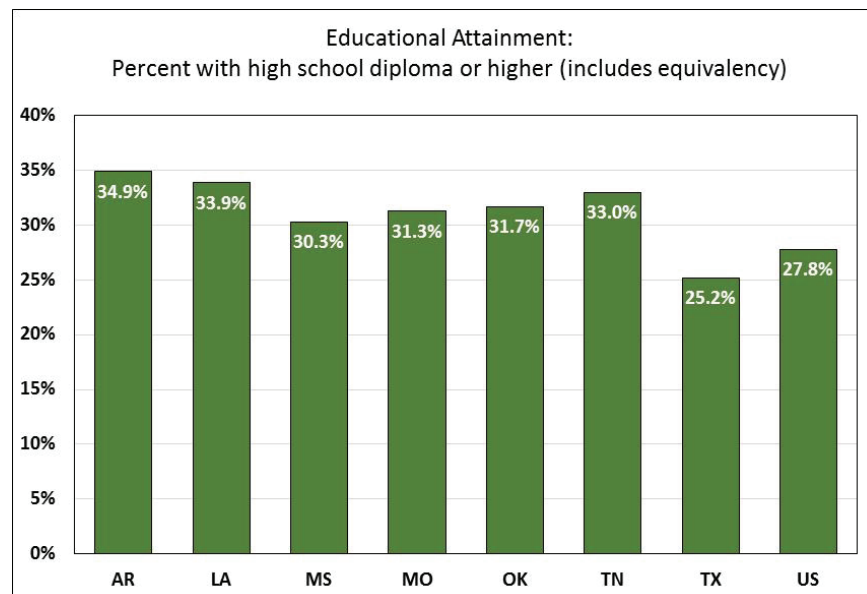
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## Educational Attainment



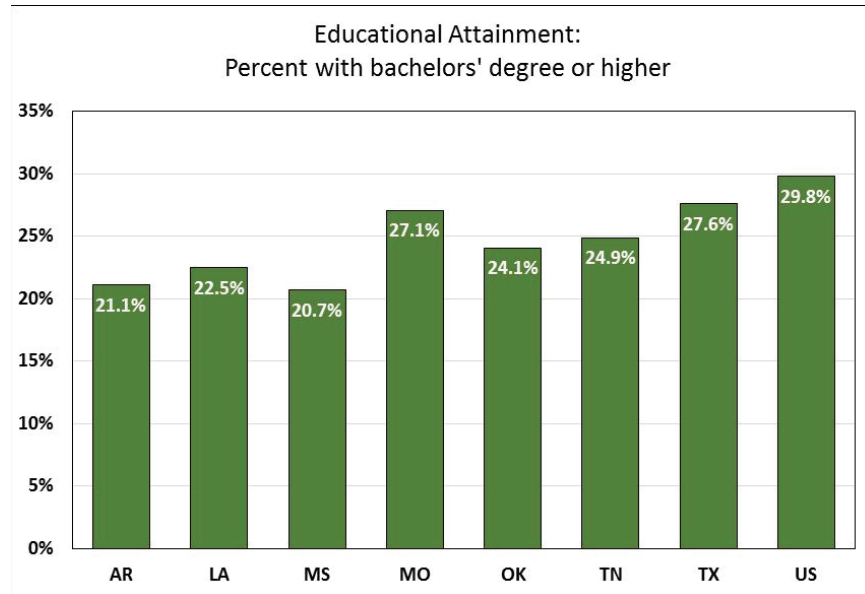
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## Educational Attainment



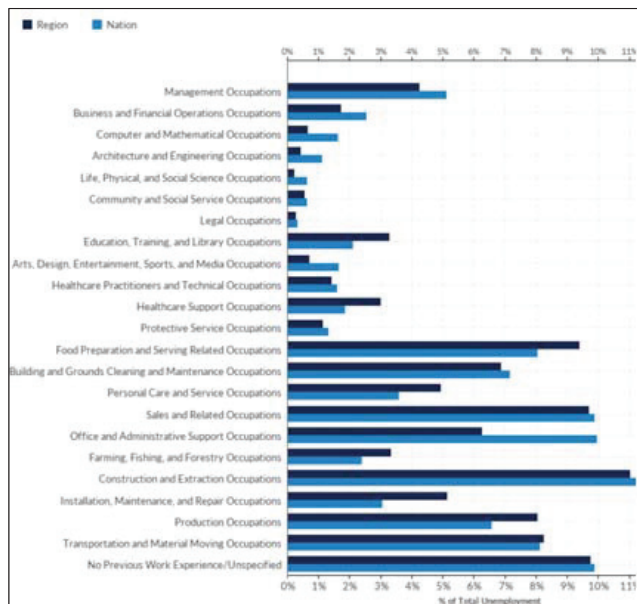
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## Educational Attainment



Source – U.S. Census Bureau, Table S1501: Educational Attainment, 2011-2015 American Community Survey 5-Year Estimates

## Unemployment by Occupation



Source – Emsi, Bureau of Labor Statistics, Arkansas Department of Workforce Services

# Employment Projections

## 2014-2024 Industry Projections by Major Division

NAICS Code	NAICS Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth
000000	<b>TOTAL ALL INDUSTRIES</b>	<b>1,312,445</b>	<b>1,442,530</b>	<b>130,085</b>	<b>9.91%</b>
000671	Total Self Employed and Unpaid Family Workers, All Jobs	122,187	131,856	9,669	7.91%
005010	Self Employed Workers, All Jobs	117,019	126,803	9,784	8.36%
007010	Unpaid Family Workers, All Jobs	5,168	5,053	-115	-2.23%
101000	<b>GOODS PRODUCING</b>	<b>219,946</b>	<b>230,492</b>	<b>10,546</b>	<b>4.79%</b>
101100	<b>NATURAL RESOURCES AND MINING</b>	<b>19,630</b>	<b>20,128</b>	<b>498</b>	<b>2.54%</b>
110000	Agriculture, Forestry, Fishing and Hunting	12,876	13,177	301	2.34%
210000	Mining	6,754	6,951	197	2.92%
101200	<b>CONSTRUCTION</b>	<b>46,071</b>	<b>51,529</b>	<b>5,458</b>	<b>11.85%</b>
101300	<b>MANUFACTURING</b>	<b>154,245</b>	<b>158,835</b>	<b>4,590</b>	<b>2.98%</b>
	<i>Non-Durable Goods Manufacturing</i>	<i>77,860</i>	<i>80,133</i>	<i>2,273</i>	<i>2.92%</i>
	<i>Durable Goods Manufacturing</i>	<i>76,385</i>	<i>78,702</i>	<i>2,317</i>	<i>3.03%</i>
102000	Services Providing	970,312	1,080,182	109,870	11.32%
102100	<b>TRADE, TRANSPORTATION, AND UTILITIES</b>	<b>244,148</b>	<b>265,152</b>	<b>21,004</b>	<b>8.60%</b>
420000	Wholesale Trade	46,618	51,515	4,897	10.50%
440000	Retail Trade	136,201	147,196	10,995	8.07%
480000	Transportation and Warehousing	53,424	58,424	5,000	9.36%
220000	Utilities	7,905	8,017	112	1.42%
102200	<b>INFORMATION</b>	<b>13,605</b>	<b>13,206</b>	<b>-399</b>	<b>-2.93%</b>
102300	<b>FINANCIAL ACTIVITIES</b>	<b>49,300</b>	<b>53,222</b>	<b>3,922</b>	<b>7.96%</b>
520000	Finance and Insurance	36,333	38,783	2,450	6.74%
530000	Real Estate and Rental and Leasing	12,967	14,439	1,472	11.35%
102400	<b>PROFESSIONAL AND BUSINESS SERVICES</b>	<b>133,879</b>	<b>148,985</b>	<b>15,106</b>	<b>11.28%</b>
540000	Professional, Scientific, and Technical Services	40,639	45,946	5,307	13.06%
550000	Management of Companies and Enterprises	32,328	35,037	2,709	8.38%
560000	Administrative and Support and Waste Management and Remediation Services	60,912	68,002	7,090	11.64%
102500	<b>EDUCATION AND HEALTH SERVICES</b>	<b>278,838</b>	<b>317,550</b>	<b>38,712</b>	<b>13.88%</b>
610000	Educational Services	108,841	116,970	8,129	7.47%
620000	Health Care and Social Assistance	169,997	200,580	30,583	17.99%
102600	<b>LEISURE AND HOSPITALITY</b>	<b>107,695</b>	<b>126,921</b>	<b>19,226</b>	<b>17.85%</b>
710000	Arts, Entertainment, and Recreation	10,434	11,283	849	8.14%
720000	Accommodation and Food Services	97,261	115,638	18,377	18.89%
102700	<b>OTHER SERVICES (EXCEPT GOVERNMENT)</b>	<b>44,733</b>	<b>48,560</b>	<b>3,827</b>	<b>8.56%</b>
102800	<b>GOVERNMENT</b>	<b>98,114</b>	<b>106,588</b>	<b>8,472</b>	<b>8.63%</b>

Source – Arkansas Department of Workforce Services, Arkansas-Statewide Long-Term Industry and Occupational Projections, 2014-2024.

# Employment Projections

## Top 20 Growing Industries by Net Growth

NAICS Code	NAICS Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth
722500	Restaurants and Other Eating Places	82,277	99,638	17,361	21.10%
621100	Offices of Physicians	22,589	27,678	5,089	22.53%
999300	Local Government, Excluding Education and Hospitals	40,581	45,262	4,681	11.53%
622100	General Medical and Surgical Hospitals	46,976	50,689	3,713	7.90%
561300	Employment Services	25,161	28,844	3,683	14.64%
999200	State Government, Excluding Education and Hospitals	37,130	40,764	3,634	9.79%
611300	Colleges, Universities, and Professional Schools	25,433	28,877	3,444	13.54%
621300	Offices of Other Health Practitioners	7,546	10,943	3,397	45.02%
624100	Individual and Family Services	22,628	25,813	3,185	14.08%
813100	Religious Organizations	19,884	22,714	2,830	14.23%
623100	Nursing Care Facilities (Skilled Nursing Facilities)	22,436	25,245	2,809	12.52%
551000	Management of Companies and Enterprises	32,328	35,037	2,709	8.38%
238200	Building Equipment Contractors	15,251	17,954	2,703	17.72%
484100	General Freight Trucking	25,502	28,104	2,602	10.20%
425000	Wholesale Electronic Markets and Agents and Brokers	10,306	12,892	2,586	25.09%
611100	Elementary and Secondary Schools	72,552	74,982	2,430	3.35%
621400	Outpatient Care Centers	4,297	6,355	2,058	47.89%
541500	Computer Systems Design and Related Services	9,478	11,496	2,018	21.29%
611200	Junior Colleges	7,234	8,931	1,697	23.46%
541600	Management, Scientific, and Technical Consulting Services	5,723	7,243	1,520	26.56%

Source – Arkansas Department of Workforce Services, Arkansas-Statewide Long-Term Industry and Occupational Projections, 2014-2024.



# Employment Projections

**Top 20 Fastest Growing Industries by Percent Growth**

NAICS Code	NAICS Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth
488200	Support Activities for Rail Transportation	384	734	350	91.15%
621400	Outpatient Care Centers	4,297	6,355	2,058	47.89%
621300	Offices of Other Health Practitioners	7,546	10,943	3,397	45.02%
623300	Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly	3,392	4,900	1,508	44.46%
485900	Other Transit and Ground Passenger Transportation	532	751	219	41.17%
621500	Medical and Diagnostic Laboratories	1,056	1,472	416	39.39%
332100	Forging and Stamping	317	440	123	38.80%
331100	Iron and Steel Mills and Ferroalloy Manufacturing	2,429	3,251	822	33.84%
622200	Psychiatric and Substance Abuse Hospitals	3,054	4,071	1,017	33.30%
621900	Other Ambulatory Health Care Services	2,445	3,250	805	32.92%
453300	Used Merchandise Stores	1,796	2,352	556	30.96%
454100	Electronic Shopping and Mail Order Houses	718	933	215	29.94%
623200	Residential Intellectual & Developmental Disability, Mental Health, & Substance Abuse Facilities	4,320	5,597	1,277	29.56%
611700	Educational Support Services	664	851	187	28.16%
622300	Specialty (except Psychiatric and Substance Abuse) Hospitals	2,181	2,792	611	28.01%
531300	Activities Related to Real Estate	2,943	3,732	789	26.81%
541600	Management, Scientific, and Technical Consulting Services	5,723	7,243	1,520	26.56%
511200	Software Publishers	299	376	77	25.75%
561200	Facilities Support Services	212	266	54	25.47%
425000	Wholesale Electronic Markets and Agents and Brokers	10,306	12,892	2,586	25.09%

Source – Arkansas Department of Workforce Services, Arkansas-Statewide Long-Term Industry and Occupational Projections, 2014-2024.

# Employment Projections

**2014-2024 Arkansas Statewide Occupational Projections by Major Group**

SOC Code	SOC Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings
00-0000	<b>Total, All Occupations</b>	<b>1,312,445</b>	<b>1,442,530</b>	<b>130,085</b>	<b>9.91%</b>	<b>13,551</b>	<b>30,689</b>	<b>44,240</b>
11-0000	Management Occupations	119,602	130,828	11,226	9.39%	1,126	2,431	3,557
13-0000	Business and Financial Operations Occupations	47,423	52,957	5,534	11.67%	561	962	1,523
15-0000	Computer and Mathematical Occupations	22,087	25,026	2,939	13.31%	314	343	657
17-0000	Architecture and Engineering Occupations	12,117	12,917	800	6.60%	83	297	380
19-0000	Life, Physical, and Social Science Occupations	7,483	8,326	843	11.27%	84	225	309
21-0000	Community and Social Service Occupations	26,214	30,449	4,235	16.16%	424	554	978
23-0000	Legal Occupations	8,277	9,257	980	11.84%	98	141	239
25-0000	Education, Training, and Library Occupations	68,076	74,190	6,114	8.98%	612	1,462	2,074
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	12,787	13,629	842	6.58%	93	315	408
29-0000	Healthcare Practitioners and Technical Occupations	73,718	85,701	11,983	16.26%	1,203	1,662	2,865
31-0000	Healthcare Support Occupations	37,618	44,270	6,652	17.68%	669	846	1,515
33-0000	Protective Service Occupations	25,328	28,221	2,893	11.42%	291	655	946
35-0000	Food Preparation and Serving Related Occupations	100,464	118,105	17,641	17.56%	1,795	3,524	5,319
37-0000	Building and Grounds Cleaning and Maintenance Occupations	42,399	45,743	3,344	7.89%	335	855	1,190
39-0000	Personal Care and Service Occupations	43,808	49,432	5,624	12.84%	564	886	1,450
41-0000	Sales and Related Occupations	133,884	146,636	12,752	9.52%	1,281	4,048	5,329
43-0000	Office and Administrative Support Occupations	188,666	199,677	11,011	5.84%	1,338	3,906	5,244
45-0000	Farming, Fishing, and Forestry Occupations	12,093	12,265	172	1.42%	31	298	329
47-0000	Construction and Extraction Occupations	52,667	58,378	5,711	10.84%	573	848	1,421
49-0000	Installation, Maintenance, and Repair Occupations	54,237	59,391	5,154	9.50%	541	1,274	1,815
51-0000	Production Occupations	115,132	119,180	4,048	3.52%	573	2,624	3,197
53-0000	Transportation and Material Moving Occupations	108,365	117,952	9,587	8.85%	962	2,533	3,495

Source – Arkansas Department of Workforce Services, Arkansas-Statewide Long-Term Industry and Occupational Projections, 2014-2024.

# Employment Projections

## Top 20 Growing Occupations by Net Growth

SOC Code	SOC Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings	Avg. Hourly Earnings*	Typical Entry Level Education*
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	24,044	30,181	6,137	25.52%	614	777	1,391	\$9.05	No formal educational credential
41-2031	Retail Salespersons	39,941	45,120	5,179	12.97%	518	1,384	1,902	\$11.87	No formal educational credential
11-9013	Farmers, Ranchers, and Other Agricultural Managers	53,667	57,992	4,325	8.06%	432	914	1,346	\$15.37	High school diploma or equivalent
53-3032	Heavy and Tractor-Trailer Truck Drivers	36,494	40,384	3,890	10.66%	389	621	1,010	\$18.90	Postsecondary nondegree award
29-1141	Registered Nurses	22,203	25,618	3,415	15.38%	342	524	866	\$27.78	Bachelor's degree
35-3031	Waiters and Waitresses	19,542	22,841	3,299	16.88%	330	940	1,270	\$9.27	No formal educational credential
35-2014	Cooks, Restaurant	9,256	12,175	2,919	31.54%	292	245	537	\$10.62	No formal educational credential
39-9021	Personal Care Aides	16,418	19,263	2,845	17.33%	284	133	417	\$9.56	No formal educational credential
31-1014	Nursing Assistants	18,275	21,079	2,804	15.34%	280	413	693	\$10.97	Postsecondary nondegree award
43-4051	Customer Service Representatives	18,683	21,151	2,468	13.21%	247	460	707	\$15.34	High school diploma or equivalent
43-9061	Office Clerks, General	32,357	34,753	2,396	7.40%	240	698	938	\$12.73	High school diploma or equivalent
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	24,806	27,019	2,213	8.92%	221	738	959	\$12.17	No formal educational credential
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	8,996	11,132	2,136	23.74%	214	267	481	\$13.37	High school diploma or equivalent
11-1021	General and Operations Managers	17,921	19,837	1,916	10.69%	192	454	646	\$40.62	Bachelor's degree
41-2011	Cashiers	31,814	33,582	1,768	5.56%	177	1,354	1,531	\$9.42	No formal educational credential
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific	14,295	16,041	1,746	12.21%	175	294	469	\$28.37	High school diploma or equivalent
43-1011	First-Line Supervisors of Office and Administrative Support Workers	14,834	16,505	1,671	11.26%	167	224	391	\$23.15	High school diploma or equivalent
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	19,375	20,946	1,571	8.11%	157	385	542	\$10.75	No formal educational credential
41-1011	First-Line Supervisors of Retail Sales Workers	17,824	19,280	1,456	8.17%	146	398	544	\$17.06	High school diploma or equivalent
43-5081	Stock Clerks and Order Fillers	16,542	17,938	1,396	8.44%	140	525	665	\$11.57	No formal educational credential

\*Data source: Emsi

Source – Arkansas Department of Workforce Services, Arkansas-Statewide Long-Term Industry and Occupational Projections, 2014-2024.

# Employment Projections

## Top 20 Fastest Growing Occupations by Percent Growth (50 minimum employment)

SOC Code	SOC Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings	Avg. Hourly Earnings*	Typical Entry Level Education*
31-2011	Occupational Therapy Assistants	282	433	151	53.55%	15	8	23	\$31.81	Associate's degree
31-2022	Physical Therapist Aides	422	610	188	44.55%	19	12	31	\$12.83	High school diploma or equivalent
31-2021	Physical Therapist Assistants	1,123	1,592	469	41.76%	47	32	79	\$27.35	Associate's degree
29-1071	Physician Assistants	311	430	119	38.26%	12	7	19	\$36.03	Master's degree
29-1124	Radiation Therapists	199	275	76	38.19%	8	5	13	\$31.43	Associate's degree
29-1171	Nurse Practitioners	1,082	1,475	393	36.32%	39	26	65	\$43.51	Master's degree
29-1123	Physical Therapists	1,786	2,421	635	35.55%	64	48	112	\$37.73	Doctoral or professional degree
15-2041	Statisticians	154	207	53	34.42%	5	3	8	\$26.45	Master's degree
15-2031	Operations Research Analysts	429	574	145	33.80%	14	8	22	\$27.10	Bachelor's degree
21-1011	Substance Abuse and Behavioral Disorder Counselors	563	749	186	33.04%	19	12	31	\$16.47	Bachelor's degree
19-4092	Forensic Science Technicians	150	199	49	32.67%	5	6	11	\$18.64	Bachelor's degree
35-2014	Cooks, Restaurant	9,256	12,175	2,919	31.54%	292	245	537	\$9.93	No formal educational credential
29-1122	Occupational Therapists	986	1,294	308	31.24%	31	19	50	\$37.61	Master's degree
49-3043	Rail Car Repairers	217	283	66	30.41%	7	5	12	\$26.80	High school diploma or equivalent
47-2132	Insulation Workers, Mechanical	149	193	44	29.53%	4	5	9	\$16.96	High school diploma or equivalent
29-1066	Psychiatrists	380	492	112	29.47%	11	10	21	\$35.21	Doctoral or professional degree
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	119	154	35	29.41%	4	2	6	N/A	Doctoral or professional degree
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	222	286	64	28.83%	6	7	13	\$20.95	High school diploma or equivalent
31-9097	Phlebotomists	927	1,191	264	28.48%	26	19	45	\$13.21	Postsecondary nondegree award
25-1112	Law Teachers, Postsecondary	109	140	31	28.44%	3	2	5	N/A	Doctoral or professional degree

\*Data source: Emsi

Source – Arkansas Department of Workforce Services, Arkansas-Statewide Long-Term Industry and Occupational Projections, 2014-2024.



# Employment Projections

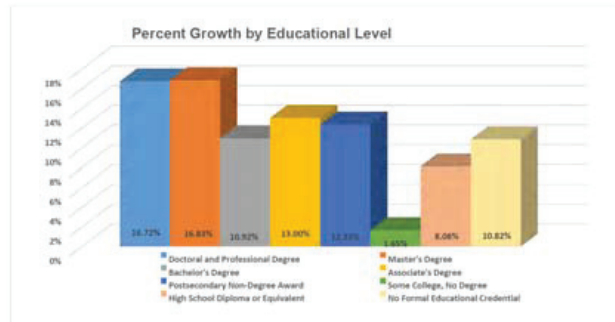
## Top 20 Occupations by Total Annual Openings

SOC Code	SOC Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings	Avg. Hourly Earnings*	Typical Entry Level Education
41-2031	Retail Salespersons	39,941	45,120	5,179	12.97%	518	1,384	1,902	\$11.87	No formal educational credential
41-2011	Cashiers	31,814	33,582	1,768	5.56%	177	1,354	1,531	\$9.42	No formal educational credential
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	24,044	30,181	6,137	25.52%	614	777	1,391	\$9.05	No formal educational credential
11-9013	Farmers, Ranchers, and Other Agricultural Managers	53,667	57,992	4,325	8.06%	432	914	1,346	\$15.37	High school diploma or equivalent
35-3031	Waiters and Waitresses	19,542	22,841	3,299	16.88%	330	940	1,270	\$8.87	No formal educational credential
53-3032	Heavy and Tractor-Trailer Truck Drivers	36,494	40,384	3,890	10.66%	389	621	1,010	\$17.98	Postsecondary nondegree award
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	24,806	27,019	2,213	8.92%	221	738	959	\$11.19	No formal educational credential
43-9061	Office Clerks, General	32,357	34,753	2,396	7.40%	240	698	938	\$12.73	High school diploma or equivalent
29-1141	Registered Nurses	22,203	25,618	3,415	15.38%	342	524	866	\$27.78	Bachelor's degree
43-4051	Customer Service Representatives	18,683	21,151	2,468	13.21%	247	460	707	\$14.07	High school diploma or equivalent
31-1014	Nursing Assistants	18,275	21,079	2,804	15.34%	280	413	693	\$10.97	Postsecondary nondegree award
43-5081	Stock Clerks and Order Fillers	16,542	17,938	1,396	8.44%	140	525	665	\$11.57	No formal educational credential
11-1021	General and Operations Managers	17,921	19,837	1,916	10.69%	192	454	646	\$31.10	Bachelor's degree
41-1011	First-Line Supervisors of Retail Sales Workers	17,824	19,280	1,456	8.17%	146	398	544	\$23.15	High school diploma or equivalent
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	19,375	20,946	1,571	8.11%	157	385	542	\$10.75	No formal educational credential
35-2014	Cooks, Restaurant	9,256	12,175	2,919	31.54%	292	245	537	\$9.93	No formal educational credential
38-9011	Childcare Workers	12,734	14,102	1,368	10.74%	137	376	513	\$8.69	High school diploma or equivalent
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	8,996	11,132	2,136	23.74%	214	267	481	\$12.19	High school diploma or equivalent
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and	14,295	16,041	1,746	12.21%	175	294	469	\$23.86	High school diploma or equivalent
29-2061	Licensed Practical and Licensed Vocational Nurses	11,570	12,928	1,358	11.74%	136	329	465	\$17.69	Postsecondary nondegree award

\*Data source: Emsi

Source – Arkansas Department of Workforce Services, Arkansas-Statewide Long-Term Industry and Occupational Projections, 2014-2024.

# Employment Projections



## Occupational Projections by Education/Training Level

Education Level	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth	Annual Openings- Growth	Annual Openings- Replacement	Annual Openings- Total
Doctoral or Professional Degree	29,481	34,411	4,930	16.72%	494	607	1,101
Master's Degree	18,478	21,587	3,109	16.83%	309	400	709
Bachelor's Degree	225,352	249,970	24,618	10.92%	2,500	4,923	7,423
Associate's Degree	23,064	26,062	2,998	13.00%	306	507	813
Postsecondary Non-Degree Award	101,058	113,519	12,461	12.33%	1,269	2,128	3,397
Some College, No Degree	26,128	26,559	431	1.65%	117	401	518
High School Diploma or Equivalent	533,978	577,131	43,153	8.08%	4,658	11,241	15,899
No Formal Educational Credential	354,906	393,291	38,385	10.82%	3,891	10,475	14,366

Source – Arkansas Department of Workforce Services, Arkansas-Statewide Long-Term Industry and Occupational Projections, 2014-2024.

# Post-Secondary Completions

## Arkansas Post-Secondary Completions

Trends			
Region	2003 Completions	2016 Completions	% Change
Arkansas	29,948	45,852	53.1%
Nation	3,403,592	5,022,301	47.6%

Arkansas Completions by Award Level		
Award Level	Completions (2016)	Percent
Award of less than 1 academic year	6,305	13.8%
Award of at least 1 but less than 2 academic years	6,982	15.2%
Associates degree	8,769	19.1%
Award of at least 2 but less than 4 academic years	285	0.6%
Bachelor's degree	16,559	36.1%
Post baccalaureate certificate	251	0.5%
Master's degree	5,277	11.5%
Post-masters certificate	383	0.8%
Doctors degree	1,041	2.3%

Source – Emsi; from the national IPEDS database, U.S. Department of Education's National Center for Education Statistics.

# Employment Projections

## Top 10 Occupations/High School Diploma or Less

SOC Code	SOC Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings
41-2031	Retail Salespersons	39,941	45,120	5,179	12.97%	518	1,384	1,902
41-2011	Cashiers	31,814	33,582	1,768	5.56%	177	1,354	1,531
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	24,044	30,181	6,137	25.52%	614	777	1,391
11-9013	Farmers, Ranchers, and Other Agricultural Managers	53,667	57,992	4,325	8.06%	432	914	1,346
35-3031	Waiters and Waitresses	19,542	22,841	3,299	16.88%	330	940	1,270
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	24,806	27,019	2,213	8.92%	221	738	959
43-9061	Office Clerks, General	32,357	34,753	2,396	7.40%	240	698	938
43-4051	Customer Service Representatives	18,683	21,151	2,468	13.21%	247	460	707
43-5081	Stock Clerks and Order Fillers	16,542	17,938	1,396	8.44%	140	525	665
41-1011	First-Line Supervisors of Retail Sales Workers	17,824	19,280	1,456	8.17%	146	398	544

Source – Arkansas Department of Workforce Services, Arkansas-Statewide Long-Term Industry and Occupational Projections, 2014-2024.

# Employment Projections

## Top 10 Occupations/Associate's Degree/Postsecondary Training

SOC Code	SOC Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings
53-3032	Heavy and Tractor-Trailer Truck Drivers	36,494	40,384	3,890	10.66%	389	621	1,010
31-1014	Nursing Assistants	18,275	21,079	2,804	15.34%	280	413	693
29-2061	Licensed Practical and Licensed Vocational Nurses	11,570	12,928	1,358	11.74%	136	329	465
25-9041	Teacher Assistants	8,505	9,133	628	7.38%	63	204	267
49-3023	Automotive Service Technicians and Mechanics	5,441	5,728	287	5.27%	29	146	175
31-9092	Medical Assistants	2,704	3,424	720	26.63%	72	56	128
43-3031	Bookkeeping, Accounting, and Auditing Clerks	12,938	12,199	-739	-5.71%	0	127	127
33-2011	Firefighters	2,806	3,165	359	12.79%	36	81	117
31-9091	Dental Assistants	2,461	2,962	501	20.36%	50	61	111
25-2011	Preschool Teachers, Except Special Education	2,287	2,544	257	11.24%	26	67	93

Source – Arkansas Department of Workforce Services, Arkansas-Statewide Long-Term Industry and Occupational Projections, 2014-2024.

# Employment Projections

## Top 10 Occupations/Bachelor's Degree or Higher

SOC Code	SOC Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings
29-1141	Registered Nurses	22,203	25,618	3,415	15.38%	342	524	866
11-1021	General and Operations Managers	17,921	19,837	1,916	10.69%	192	454	646
21-2011	Clergy	8,675	10,052	1,377	15.87%	138	186	324
25-2021	Elementary School Teachers, Except Special Education	10,822	11,390	568	5.25%	57	239	296
13-2011	Accountants and Auditors	6,806	7,722	916	13.46%	92	182	274
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	8,894	9,346	452	5.08%	45	211	256
11-9199	Managers, All Other	6,959	7,637	678	9.74%	68	154	222
13-1199	Business Operations Specialists, All Other	8,650	9,626	976	11.28%	98	103	201
25-2022	Middle School Teachers, Except Special and Career/Technical Education	6,025	6,343	318	5.28%	32	133	165
13-1022	Wholesale and Retail Buyers, Except Farm Products	3,204	3,543	339	10.58%	34	102	136
23-1011	Lawyers	4,718	5,360	642	13.61%	64	69	133

Source – Arkansas Department of Workforce Services, Arkansas-Statewide Long-Term Industry and Occupational Projections, 2014-2024.

## Employment Projections

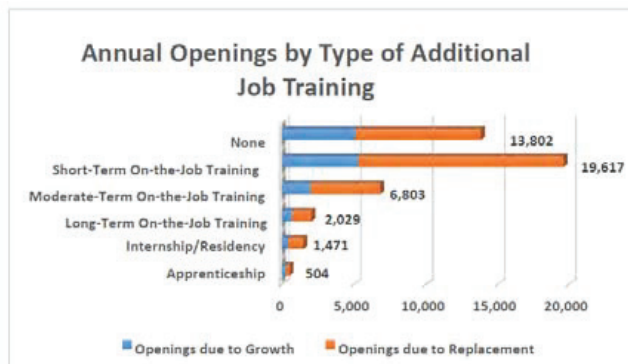


### Work Experience Outlook

Work Experience Level	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth	Annual Openings-Growth	Annual Openings-Replacement	Annual Openings-Total
5 years or more	101,814	110,937	9,123	8.96%	911	1,938	2,849
Less than 5 years	134,469	150,957	16,488	12.26%	1,671	2,862	4,533
None	1,076,162	1,180,636	104,474	9.71%	10,962	25,882	36,844

Source – Arkansas Department of Workforce Services, Arkansas-Statewide Long-Term Industry and Occupational Projections, 2014-2024.

## Employment Projections



### 2014-2024 Occupational Projections by On-the-Job Training

Job Training Level	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth	Annual Openings-Growth	Annual Openings-Replacement	Annual Openings-Total
Apprenticeship	18,838	21,195	2,357	12.51%	236	268	504
Internship/residency	48,939	52,777	3,838	7.84%	383	1,088	1,471
Long-term on-the-job training	55,474	61,681	6,207	11.19%	637	1,392	2,029
Moderate-term on-the-job training	225,303	242,310	17,007	7.55%	1,958	4,845	6,803
Short-term on-the-job training	545,655	596,177	50,522	9.26%	5,259	14,358	19,617
None	418,236	468,390	50,154	11.99%	5,071	8,731	13,802

Source – Arkansas Department of Workforce Services, Arkansas-Statewide Long-Term Industry and Occupational Projections, 2014-2024.